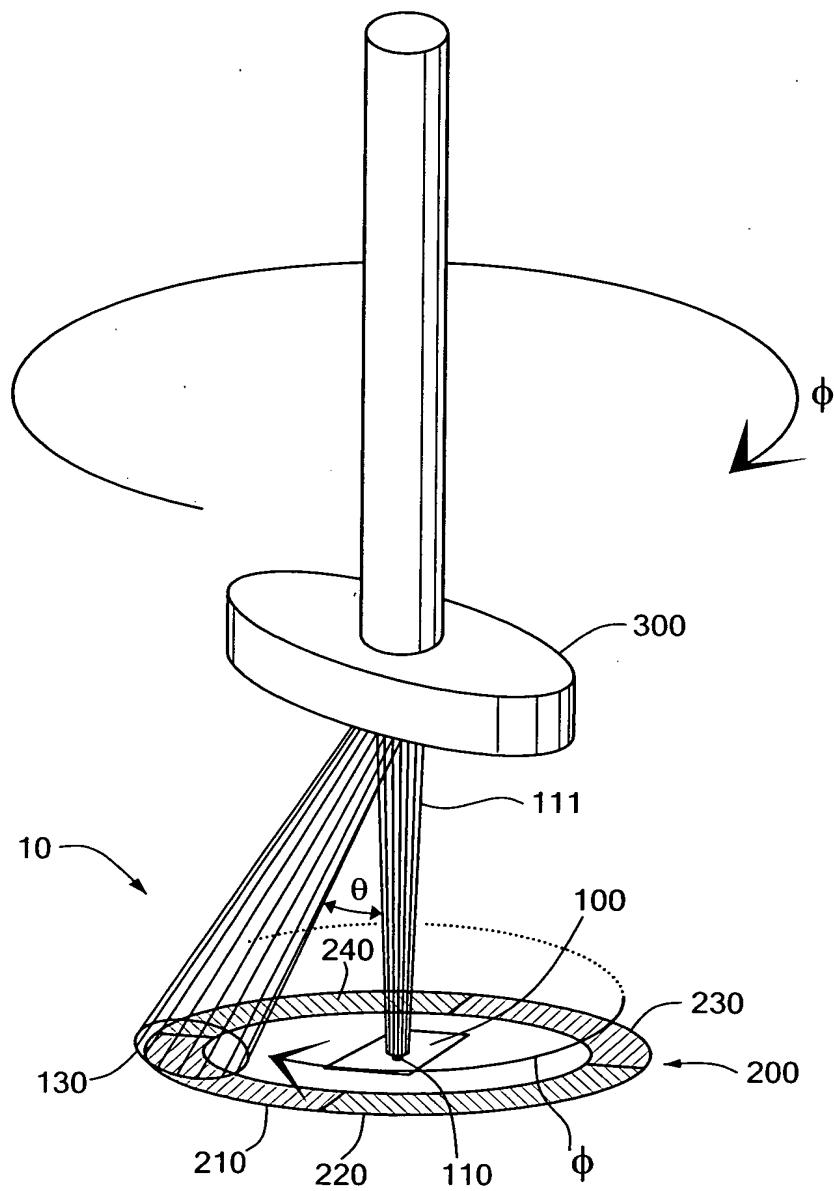


O I P E JCI80  
JAN 20 2004  
PATENT & TRADEMARK OFFICE

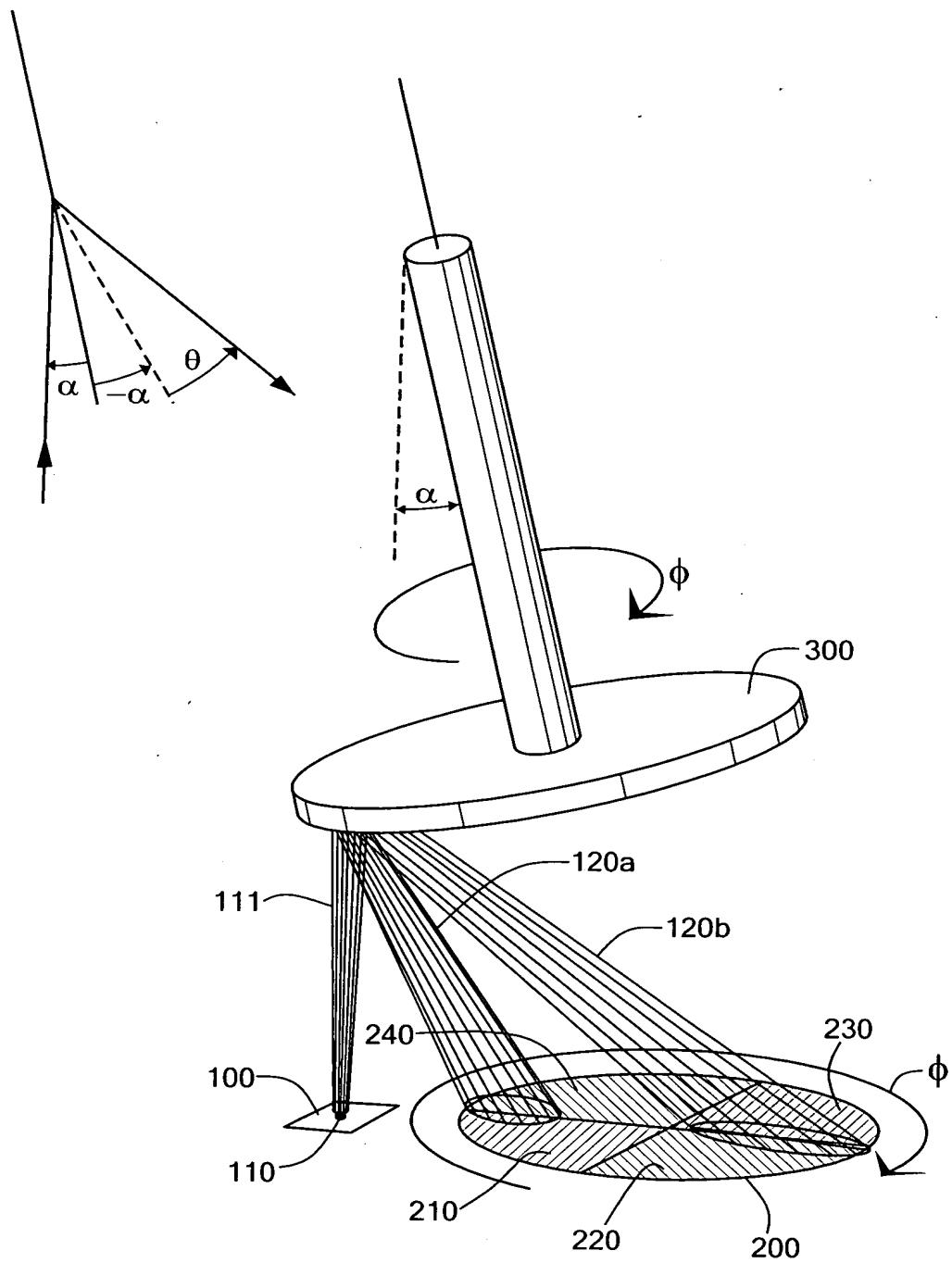
Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX

1/7



**FIG. 1**

2/7

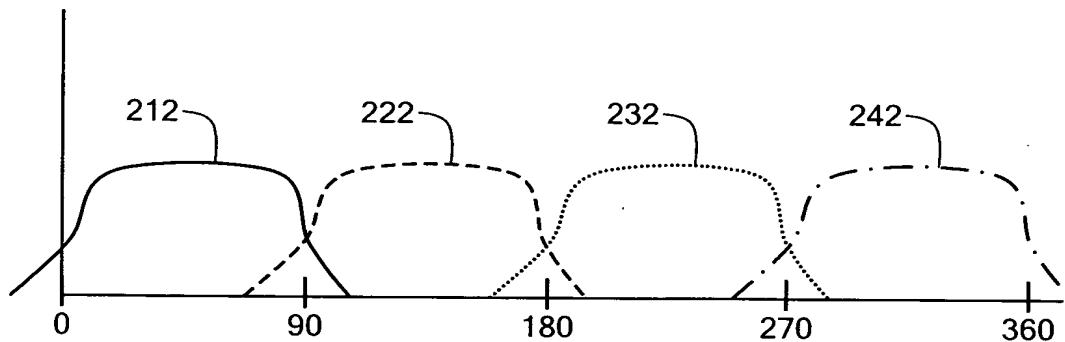


**FIG. 2**

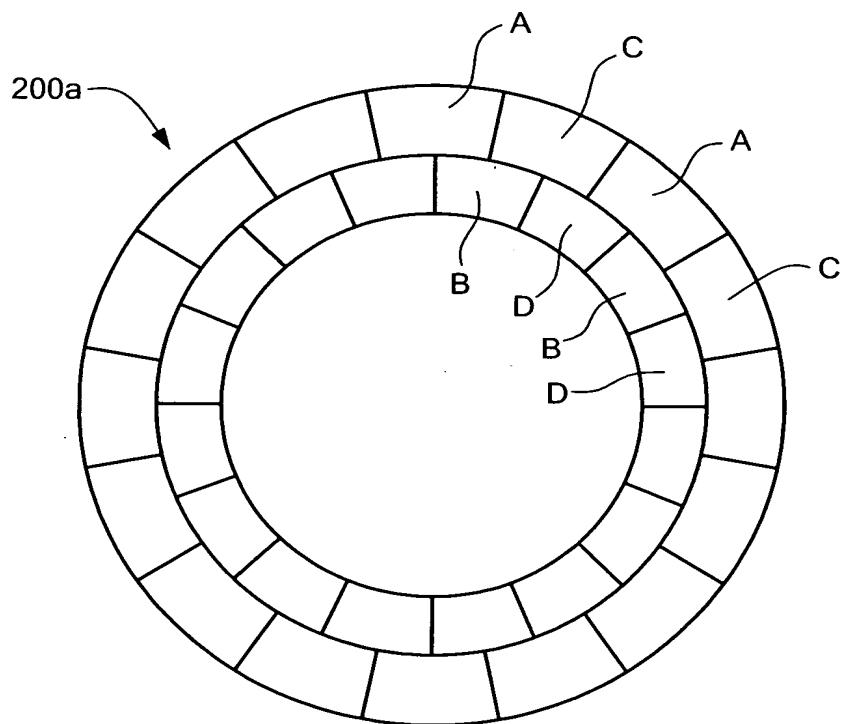


Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX

3/7



***FIG. 3***

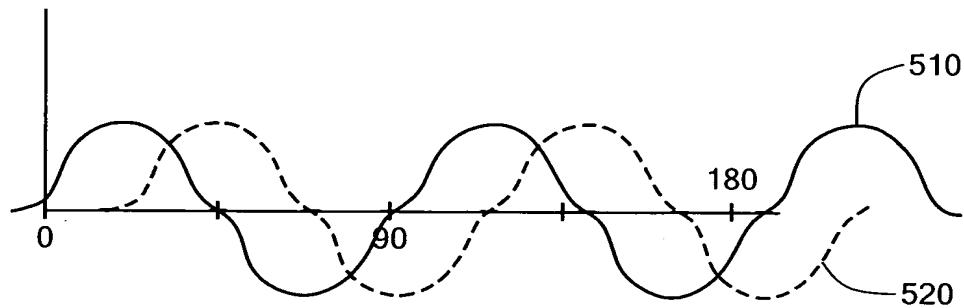


***FIG. 4***

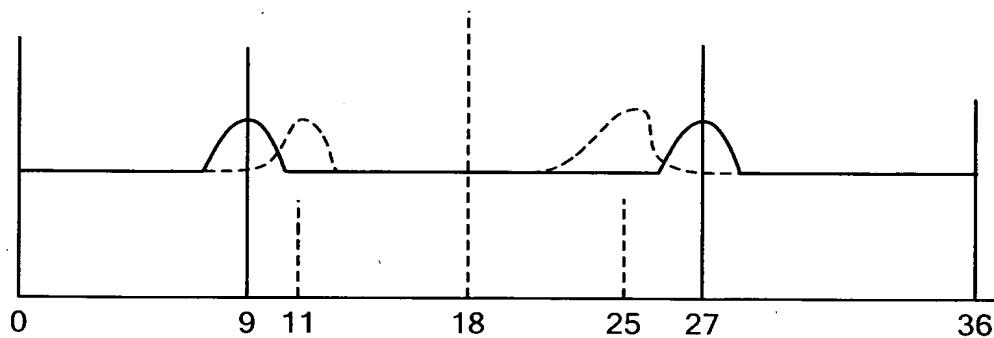


Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX

4/7



**FIG. 5**

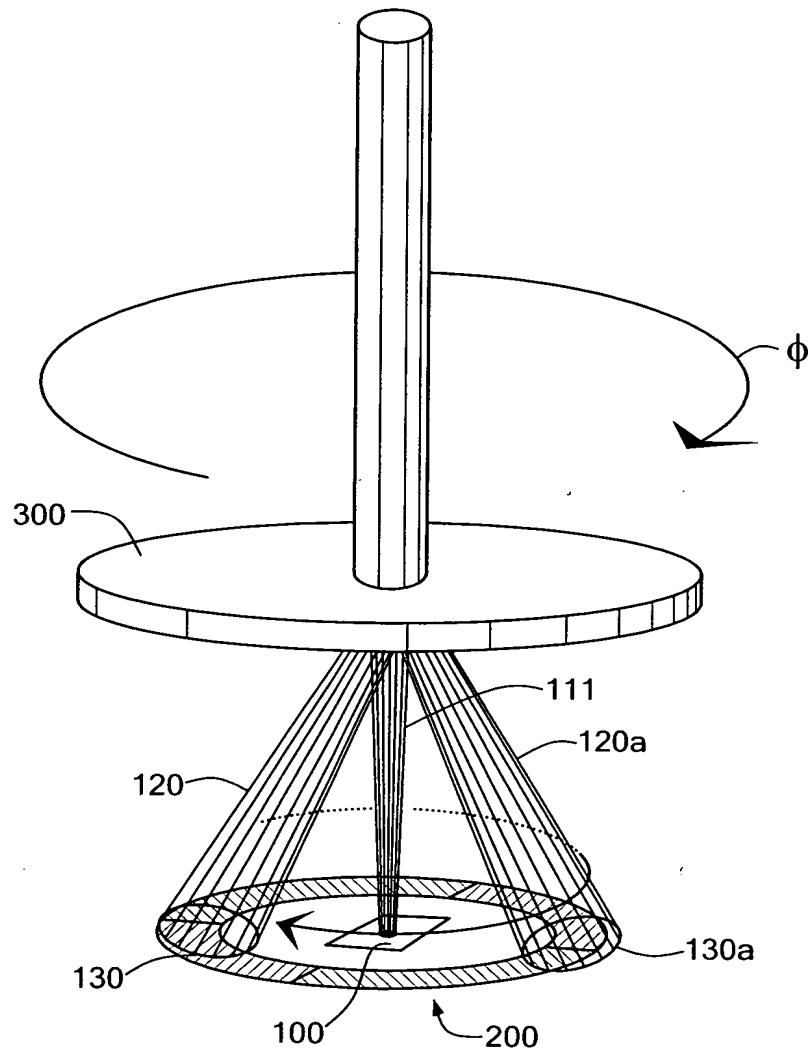


**FIG. 6**

Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX



5/7

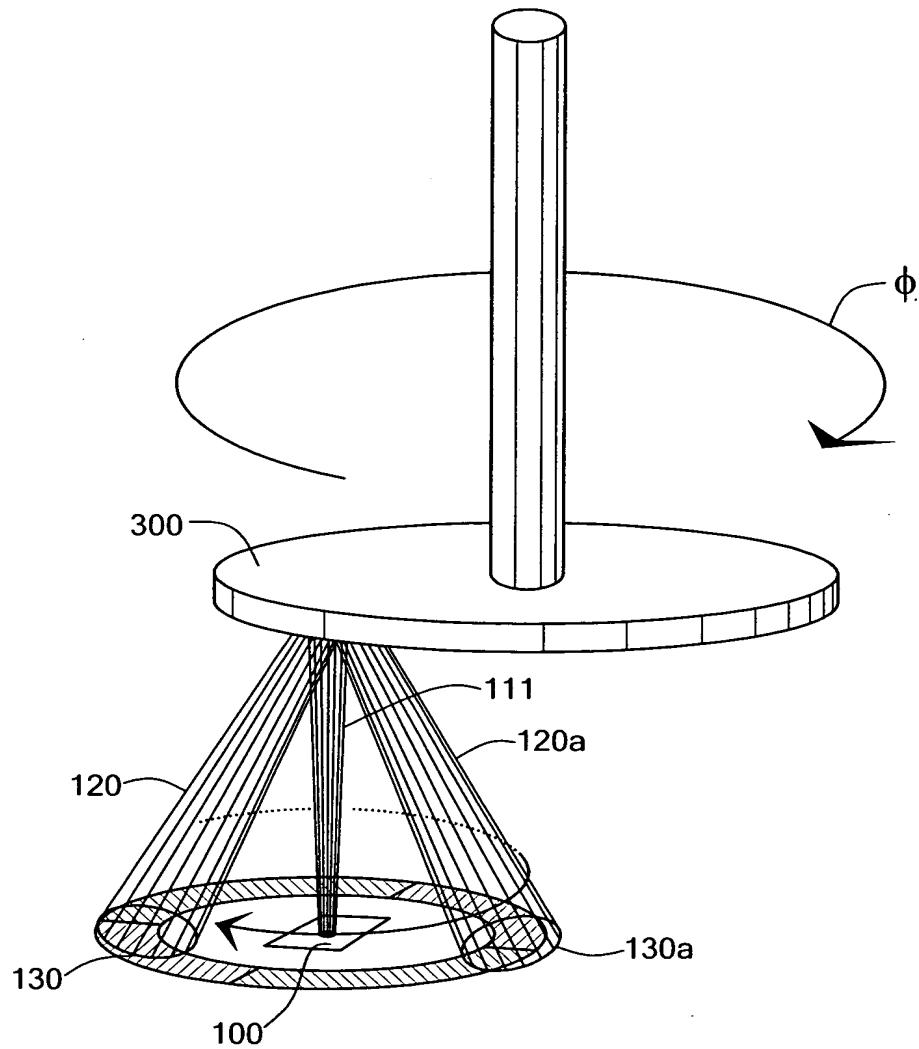


**FIG. 7**



Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX

6/7

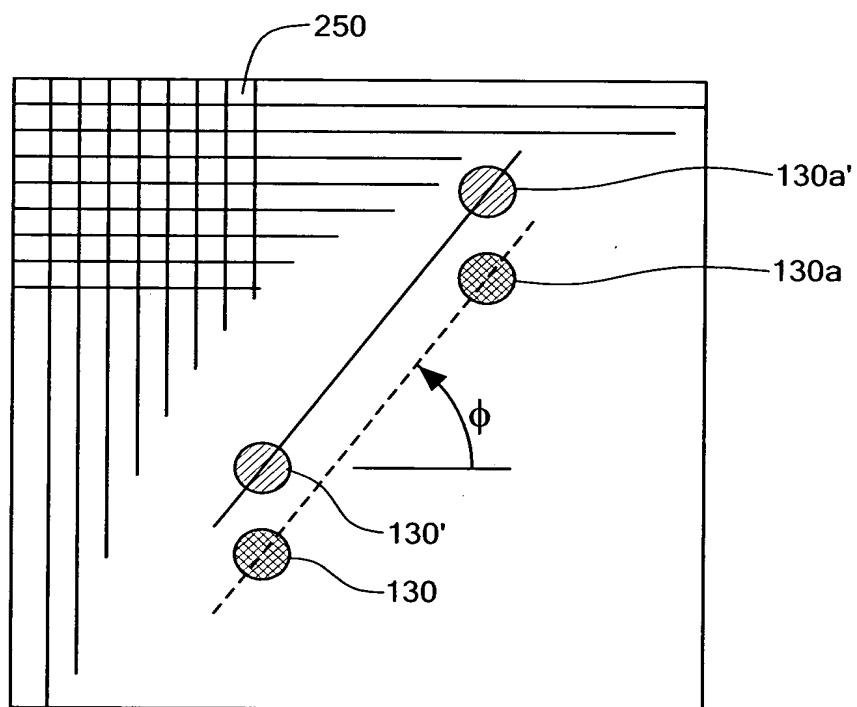


**FIG. 8**



Title: ROTARY POSITION SENSOR WITH  
OFFSET BEAM GENERATING ELEMENT . .  
Inventor Name: William G. Thorburn  
Appl. No. 10/737,199  
Docket No.: MICRE-013XX

7/7



*FIG. 9*